

Datasheet: MCA2773

Description:	MOUSE ANTI HUMAN PLASMINOGEN
Specificity:	PLASMINOGEN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	4D2
Isotype:	IgG2b
Quantity:	0.2 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin	▪			
ELISA	▪			
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by ion exchange chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified human plasminogen.

External Database Links

UniProt:

[P00747](#)

[Related reagents](#)

Entrez Gene:

Fusion Partners	Spleen cells from immunised mice were fused with cells of the mouse X63.Ag8.653myeloma cell line.
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Specificity	<p>Mouse anti Human Plasminogen antibody, clone 4D2 recognizes human plasminogen, a single chain beta globulin of 80-90 kDa. It is a circulating zymogen that is converted to the active enzyme plasmin (fibrinolysin) by plasminogen activators. The main function of plasmin is to dissolve fibrin and thus break up blood clots. Plasmin also plays a proteolytic role in processes such as embryonic development, tissue remodelling, tumor invasion and inflammation. Plasminogen deficiency may be a cause of thrombosis, or may be acquired through acute liver disease, acute disseminated intravascular coagulation or through thrombolytic therapy with plasminogen activators.</p> <p>Mouse anti Human Plasminogen antibody, clone 4D2 does not cross-react with other human serum proteins.</p>
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Immunohistology	This product does not require protein digestion pre-treatment of paraffin embedded sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin embedded sections.
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Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Shelf Life	18 months from date of despatch.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG2b (HCA038...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800 ,

[FITC, HRP](#)

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

Recommended Useful Reagents

[HISTAR DETECTION SYSTEM \(STAR3000B\)](#)

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